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(54) **Method, apparatus , and computer program product for radar detection of moving target**

(57) Methods, apparatus, and computer program products are provided for tracking at least one moving target with a radar device without requiring the use of Doppler information. The invention comprises scanning an area with radar signals at a first time to receive a first plurality of target data signals indicative of a position of the target at the first time and determining the position of the target at the first time by collecting the first plurality of target data signals into a first target data grouping, such that the first target data grouping defines a first reference point. Similarly, a second reference point for the target is determined for a second time, and the position of the first reference point is compared to the position of the second reference point to track the moving target. Advantageously, the tracked positions of the moving target may be used to predict a future position of the target at a subsequent time.

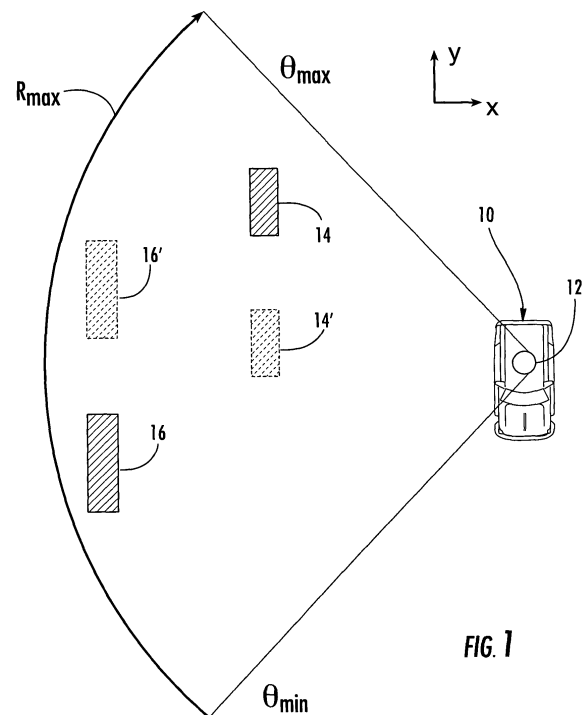


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 05 07 6330

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X	US 2003/220728 A1 (RAO MANOHARPRASAD K ET AL) 27 November 2003 (2003-11-27) * abstract; claims; figures *	1,11,13	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 30 June 2006	Examiner Devine, J
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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